

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/085104 A1

(51) International Patent Classification⁷: **B65G 53/24**,
53/60, F04F 5/20, B01D 47/10, B65F 5/00 // B65G 53/62

(74) Agent: **HEINÄNEN OY**; Annankatu 31-33 C, FI-00100
Helsinki (FI).

(21) International Application Number:
PCT/FI2005/000132

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(22) International Filing Date: 2 March 2005 (02.03.2005)

(25) Filing Language: Finnish

(26) Publication Language: English

(30) Priority Data:
20040344 3 March 2004 (03.03.2004) FI

(71) Applicant (for all designated States except US): **MARI-
CAP OY** [FI/FI]; P.O.Box 36, FI-01451 Vantaa (FI).

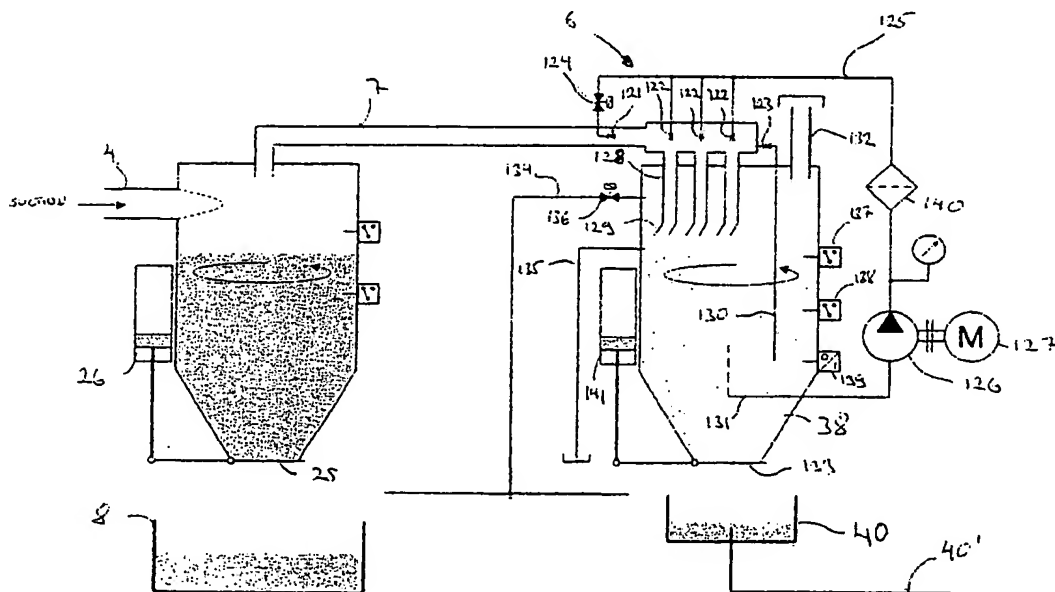
(72) Inventor: and

(75) Inventor/Applicant (for US only): **SUNDHOLM, Göran**
[FI/FI]; Ilmari Kiannon kuja 3, FI-04310 Tuusula (FI).

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR CONVEYING MATERIAL



(57) Abstract: A method for conveying material, advantageously food-industry bulk material, especially cutting offals or food waste, by means of a pressure difference in a conveying pipe (4). In the method, material is fed to the conveying pipe (4), and further in the conveying pipe to a separator device (5) in which the transferred material is separated from conveying air. In the method, to the conveying pipe (4) is achieved underpressure with an ejector apparatus (6) the suction side of which is connected to the separator device (5), which ejector apparatus is operated with an actuating medium. As the actuating medium of the ejector apparatus (6) is utilised liquid mist, especially aqueous liquid mist.

WO 2005/085104 A1



Declarations under Rule 4.17:

- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*
- *of inventorship (Rule 4.17(iv)) for US only*

(15) Information about Correction:

see PCT Gazette No. 45/2005 of 10 November 2005, Section II

Published:

- *with international search report*

(48) Date of publication of this corrected version:

10 November 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.